



# Enhancing your petrol station with smart lighting

## Mini 300 LED gen3

Philips Mini 300 LED gen3 luminaires, the perfect product design and the latest LED technology combination for highly efficient light outputs that can turn your petrol station into a branded landmark and help visitors to approach safely in visual comfort. Mini 300 LED gen3, the state-of-the-art LED luminaires with a light-on-demand intelligent motion-sensing control system takes energy saving to new levels with dimming, while simultaneously ensuring sufficient lighting for orientation and safety. The light scenarios can be tailored to your preference at installation or during the lifespan of the products. The optional Master-Slave combination with a built-in presence and light sensor has no need for an external sensor and one Master Mini 300 LED gen3 can control up to 6 basic luminaires. Not only will this have a positive impact on your investment, it can also lead to additional energy saving. Mini 300 LED gen3 luminaire is so light that it can be installed effortlessly by one person. Luminaire settings can even be changed from ground level using a smart phone or tablet as a remote control, eliminating the need to work at height. With the free Mini 300 LED App, even the status of the luminaire can be read while standing on the floor. The Mini 300 LED gen3 luminaires come in recessed-mounted, surface-mounted and floodlight versions, which are suitable for under-canopy lighting: a breakthrough, retrofit solution that reduces installation costs.

### Benefits

- Perfect lighting quality with a choice of dedicated optical beams complying to all the different demands of petrol station configurations
- Minimised energy consumption with customisable built-in controls and scheduler
- Easy commissioning and wireless control set-up possibilities with smartphones and tablets
- Extremely simple and lightweight for easy and rapid mounting, ability to fully retrofit into existing installations

# Mini 300 LED gen3

## Features

- A highly efficient long-life Philips LED platform for maximum energy-saving and reduced maintenance costs
- A SMART control system with an integral motion sensor module and scheduler for programmable auto-dimming of light at different levels
- A BASIC+ control system only with a factory pre-set motion sensor for auto-dimming of light at a limited level
- A dedicated app with an easy user interface for smartphones and tablets

## Application

- Petrol stations

## Specifications

<b>Ambient Temperature</b>	-40 to +50 °C
<b>Beam spread luminaire</b>	113°
<b>Main colour of the luminaire</b>	White
<b>Connection</b>	Push-in connector 5-pole (PI) (Push-in connector 5-pole (PI)) Screw connector (SCREW)
<b>Dimming</b>	No, yes
<b>Driver</b>	Power supply unit with DALI interface (PSD) Power supply unit (PSU)
<b>Initial correlated colour temperature</b>	4000 K, 5700 K
<b>Initial input power</b>	48 W, 48.5 W, 75 W, 92 W
<b>Initial LED luminaire efficacy</b>	154, 155, 156, 157 lm/W

<b>Initial luminous flux</b>	11570 lm, 11700 lm, 14240 lm, 14400 lm, 7380 lm, 7462 lm
<b>Input frequency</b>	50 to 60 Hz
<b>Input voltage</b>	220 to 240 V
<b>Inrush current (A)</b>	46, 53 A
<b>Light source colour</b>	740 neutral white, 757 cool white
<b>Light source replaceable</b>	Yes
<b>Material</b>	Housing: aluminum die-cast
<b>Optic</b>	Petrol rotational symmetric medium
<b>Optical cover</b>	Acrylate
<b>Surge protection</b>	Philips standard surge protection level kV
<b>Type</b>	BBP333 BCP333
<b>Warranty period</b>	5 years

## Versions



Mini 300 LED gen3



Mini 300 LED gen3

# Mini 300 LED gen3

## Product details



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BBP333\_360\_360-DPP.TIF



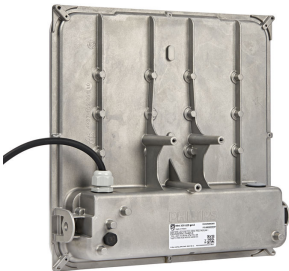
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Mini300\_gen3-BBP333\_560\_410-  
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Mini300\_gen3-  
BBP333\_RM\_with\_accessory\_kit-  
DPP.TIF



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Mini300\_gen3-BBP333-  
with\_accessory\_kit-DPP.TIF



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## Mini 300 LED gen3

### Accessories



Ordercode 99768000



Ordercode 99769700



Ordercode 99770300



Ordercode 99771000

## Mini 300 LED gen3

Application Conditions	
Maximum dim level	10%
Approval and Application	
Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Philips standard surge protection level kV
General Information	
Luminaire light beam spread	113°
CE mark	CE mark
Optical cover/lens type	Polycarbonate bowl/cover flat
Driver included	Yes
Flammability mark	F
Light source replaceable	Yes
Number of gear units	1 unit
Optic type	Petrol rotational symmetric medium
Initial Performance (IEC Compliant)	
Init. Colour Rendering Index	70
Light Technical	
Standard tilt angle side entry	-
Standard tilt angle posttop	-
Upward light output ratio	0
Mechanical and Housing	
Colour	White

## Controls and Dimming

Order Code	Full Product Name	Dimmable
99743700	BBP333 LED159/757 I PRM MDUW	Yes
99744400	BBP333 LED128/757 I PRM MDUW	Yes
99745100	BBP333 LED81/757 I PRM MDUW	Yes
99746800	BBP333 LED159/757 I PRM	No
99747500	BBP333 LED128/757 I PRM	No
99748200	BBP333 LED81/757 I PRM	No
99749900	BBP333 LED159/740 I PRM MDUW	Yes
99750500	BBP333 LED128/740 I PRM MDUW	Yes
99751200	BBP333 LED81/740 I PRM MDUW	Yes
99752900	BBP333 LED159/740 I PRM	No
99753600	BBP333 LED128/740 I PRM	No
99754300	BBP333 LED81/740 I PRM	No
99755000	BCP333 LED159/757 I PRM MDUW	Yes
99756700	BCP333 LED128/757 I PRM MDUW	Yes
99757400	BCP333 LED81/757 I PRM MDUW	Yes
99758100	BCP333 LED159/757 I PRM	No
99759800	BCP333 LED128/757 I PRM	No
99760400	BCP333 LED81/757 I PRM	No
99761100	BCP333 LED159/740 I PRM MDUW	Yes
99762800	BCP333 LED128/740 I PRM MDUW	Yes
99763500	BCP333 LED81/740 I PRM MDUW	Yes
99764200	BCP333 LED159/740 I PRM	No
99765900	BCP333 LED128/740 I PRM	No
99766600	BCP333 LED81/740 I PRM	No

## General Information

Order Code	Full Product Name	Light source colour	Lamp family code	Product Family Code
99743700	BBP333 LED159/757 I PRM MDUW	757 cool white	LED159	BBP333
99744400	BBP333 LED128/757 I PRM MDUW	757 cool white	LED128	BBP333
99745100	BBP333 LED81/757 I PRM MDUW	757 cool white	LED81	BBP333
99746800	BBP333 LED159/757 I PRM	757 cool white	LED159	BBP333
99747500	BBP333 LED128/757 I PRM	757 cool white	LED128	BBP333
99748200	BBP333 LED81/757 I PRM	757 cool white	LED81	BBP333
99749900	BBP333 LED159/740 I PRM MDUW	740 neutral white	LED159	BBP333
99750500	BBP333 LED128/740 I PRM MDUW	740 neutral white	LED128	BBP333
99751200	BBP333 LED81/740 I PRM MDUW	740 neutral white	LED81	BBP333

Order Code	Full Product Name	Light source colour	Lamp family code	Product Family Code
99752900	BBP333 LED159/740 I PRM	740 neutral white	LED159	BBP333
99753600	BBP333 LED128/740 I PRM	740 neutral white	LED128	BBP333
99754300	BBP333 LED81/740 I PRM	740 neutral white	LED81	BBP333
99755000	BCP333 LED159/757 I PRM MDUW	757 cool white	LED159	BCP333
99756700	BCP333 LED128/757 I PRM MDUW	757 cool white	LED128	BCP333
99757400	BCP333 LED81/757 I PRM MDUW	757 cool white	LED81	BCP333
99758100	BCP333 LED159/757 I PRM	757 cool white	LED159	BCP333
99759800	BCP333 LED128/757 I PRM	757 cool white	LED128	BCP333
99760400	BCP333 LED81/757 I PRM	757 cool white	LED81	BCP333
99761100	BCP333 LED159/740 I PRM MDUW	740 neutral white	LED159	BCP333

## Mini 300 LED gen3

Order Code	Full Product Name	Light source colour	Lamp family code	Product Family Code
99762800	BCP333 LED128/740 I PRM MDUW	740 neutral white	LED128	BCP333
99763500	BCP333 LED81/740 I PRM MDUW	740 neutral white	LED81	BCP333

Order Code	Full Product Name	Light source colour	Lamp family code	Product Family Code
99764200	BCP333 LED159/740 I PRM MDUW	740 neutral white	LED159	BCP333
99765900	BCP333 LED128/740 I PRM MDUW	740 neutral white	LED128	BCP333
99766600	BCP333 LED81/740 I PRM MDUW	740 neutral white	LED81	BCP333

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux
99743700	BBP333 LED159/757 I PRM MDUW	5700 K	14240 lm
99744400	BBP333 LED128/757 I PRM MDUW	5700 K	11570 lm
99745100	BBP333 LED81/757 I PRM MDUW	5700 K	7380 lm
99746800	BBP333 LED159/757 I PRM MDUW	5700 K	14240 lm
99747500	BBP333 LED128/757 I PRM MDUW	5700 K	11570 lm
99748200	BBP333 LED81/757 I PRM MDUW	5700 K	7380 lm
99749900	BBP333 LED159/740 I PRM MDUW	4000 K	14240 lm
99750500	BBP333 LED128/740 I PRM MDUW	4000 K	11570 lm
99751200	BBP333 LED81/740 I PRM MDUW	4000 K	7380 lm
99752900	BBP333 LED159/740 I PRM MDUW	4000 K	14240 lm
99753600	BBP333 LED128/740 I PRM MDUW	4000 K	11570 lm
99754300	BBP333 LED81/740 I PRM MDUW	4000 K	7380 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux
99755000	BCP333 LED159/757 I PRM MDUW	5700 K	14400 lm
99756700	BCP333 LED128/757 I PRM MDUW	5700 K	11700 lm
99757400	BCP333 LED81/757 I PRM MDUW	5700 K	7462 lm
99758100	BCP333 LED159/757 I PRM MDUW	5700 K	14400 lm
99759800	BCP333 LED128/757 I PRM MDUW	5700 K	11700 lm
99760400	BCP333 LED81/757 I PRM MDUW	5700 K	7462 lm
99761100	BCP333 LED159/740 I PRM MDUW	4000 K	14400 lm
99762800	BCP333 LED128/740 I PRM MDUW	4000 K	11700 lm
99763500	BCP333 LED81/740 I PRM MDUW	4000 K	7462 lm
99764200	BCP333 LED159/740 I PRM MDUW	4000 K	14400 lm
99765900	BCP333 LED128/740 I PRM MDUW	4000 K	11700 lm
99766600	BCP333 LED81/740 I PRM MDUW	4000 K	7462 lm

